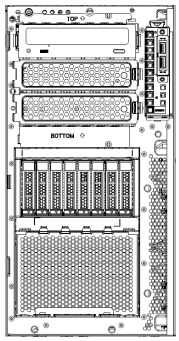
IBM® Type - model	Qty x Processor/ Core	L3 cache	Memory	Disk	Disk controller	Slots x bays (hot-swap bays)	Power supply	Ethernet	Available date
7379-A2x	1 x Xeon™ E5603 1.60GHz/4C	4MB	1x2GB	Open	SATA	6x7 (4 SS 3.5" std)	1 x 670W	2 x Gb	March 2011
7379-A4x	1 x Xeon E5603 1.60GHz/4C	4MB	1x2GB	Open	SAS/SATA	6x7 (4 HS 3.5" std)	1 x 670W	2 x Gb	March 2011
7379-B2x	1 x Xeon E5606 2.13GHz/4C	8MB	1x2GB	Open	SATA	6x7 (4 SS 3.5" std)	1 x 670W	2 x Gb	March 2011
7379-B4x	1 x Xeon E5606 2.13GHz/4C	8MB	1x2GB	Open	SAS/SATA	6x7 (4 HS 3.5" std)	1 x 670W	2 x Gb	March 2011
7379-C2x	1 x Xeon E5607 2.26GHz/4C	8MB	1x2GB	Open	SAS/SATA	6x7 (4 HS 3.5" std)	1 x 670W	2 x Gb	March 2011
7379-D2x	1 x Xeon E5645 2.4GHz/6C	12MB	1x4GB	Open	SAS/SATA	6x11 (8 HS 2.5" std)	1 x 670W	2 x Gb	March 2011
7379-F2x	1 x Xeon E5649 2.53GHz/6C	12MB	1x4GB	Open	SAS/SATA	6x19 (16 HS 2.5" std)	1 x 920W HS	2 x Gb	March 2011
7379-56x	1 x Xeon E5620 2.40GHz/4C	12MB	1x4GB	Open	SAS/SATA	6x7 (4 HS 3.5" std)	1 x 670W	2 x Gb	March 2011
7379-58x	1 x Xeon E5620 2.40GHz/4C	12MB	1x4GB	Open	SAS/SATA	6x11 (8 HS 2.5" std)	1 x 920W HS	2 x Gb	March 2011
7379-E4x	1 x Xeon E5606 2.13GHz/4C	8MB	1x2GB	Open	SATA	6x7 (4 SS 3.5" std)	1 x 920W HS	2 x Gb	March 2011
7379-E5x	1 x Xeon E5620 2.40GHz/4C	12MB	1x2GB	Open	SAS/SATA	6x7 (4 HS 3.5" std)	1 x 920W HS	2 x Gb	March 2011
7379-E6x	1 x Xeon E5620 2.40GHz/4C	12MB	1x2GB	Open	SAS/SATA	6x11 (8 HS 2.5" std)	1 x 920W HS	2 x Gb	March 2011

Positioning	*Flexible configuration capabilities and outstanding performance that drives affordable business growth*
Processor(s)	**Up to two Next Generation Intel® Xeon processors featuring Quick Path Interconnect(QPI) technology at up to 2.66GHz with up to 12MB L3 / up to 4 Core** / with **Intel Turbo Boost Technology and Hyper-Threading**
L3 cache	**4 or 12MB** std and max / at processor speed
SMP	**2-way SMP** / up to two Xeon Processors (same speed/cache size)
Implementation	Systemboard contains two Socket B (LGA1366) sockets, sixteen DIMM slots, five PCI-E slots, one PCI slot, and integrated SATA, ethernet and graphics controllers
Memory	2, 4 or 8GB std / **64GB** max per processor(using 8GB DIMMs) / **PC3-10600 1333MHz LP 240-pin Registered ECC DDR3 SDRAM DIMMs** / sixteen slots on systemboard / eight DIMMS per processor / ChipKill / memory mirroring
Disk Controller	Integrated SATA controller in ICH10 / A2x, B2x, E4x / RAID optional IBM ServeRAID BR10il SAS/SATA controller / A4x, B4x, C2x, 56x / on riser card / PCI-Express / supports RAID-0/1 / IBM ServeRAID M1015 SAS/SATA controller / D2x, 58x, E5x, E6x / on riser card / PCI-Express / supports RAID-0/1 / IBM ServeRAID M5014 SAS/SATA controller / F2x / on riser card / PCI-Express / supports RAID-0/1/5/10/50 /
Disk bays	Either **Eight 2.5-inch SFF SAS** hot swap disk bays or **Four 3.5-inch SAS/SATA** simple/hot swap disk bays std / Sixteen 2.5" SFF SAS hot swap disk bays or Eight 3.5-inch SAS/SATA simple/hot swap disk bays optional
Mechanical	**Tower** / conversion to EIA 26" Rack (5U[4]) via option 69Y0893
Architecture/Chipset	**Intel 5520 Chipset** / Intel IO Hub provides PCI-Express slots 1-5 and links to BCM5709C, enterprise south bridge interface to ICH10 South Bridge / ICH10 South Bridge provides: USB, SATA, PCI-Express links to LSI SAS/SATA controller and LPC bus to VSC452 for video and limited Super I/O, PCI-Express slot 6 and a PCI slot
BUS slots	(See below) One PCI-Express 2nd Gen x16 slot / Four PCI-Express 2nd Gen x8 slots(one reserved for SAS controller) / One PCI-Express 1st Gen x8 slot / One 32-bit 33MHz PCI 2.2 slot / optional to add two 64-bit PCI-X or one PCI-Express x8 slots
Ethernet	**Two** Gigabit Ethernet ports / Broadcom® 5716 / two full gigabit ethernet MAC and PHY layer functions / integrated /PCI-Express / full duplex / Wake on LAN® / Serial over LAN / PXE 2.0 / Failover, adapter fault tolerance / Load balancing
Optical / diskette	16X[6] DVD-ROM / SATA / USB diskette only
Front & Rear ports	*Front:* two USB (2.0) / *Rear:* four USB (2.0), serial (9-pin), graphics (DB-15), three RJ-45 (2 enet, 1 sys mgmt)
Graphics	SVGA / Matrox® G200e integrated in IMM on systemboard / 16MB DDR2-250MHz SDRAM std/max / 32-bit 33MHz PCI 2.2
Systems Mgmt	**Integrated Management Module (IMM)** / VSC452 / WPCT201BA0WG / integrated / provides system and environmental monitoring, event recording, alert capability / TPM 1.2 / ASR / SOL / IPMI 2.0 / SMASH / upgradeable to Remote Presence, blue screen capture via optional IBM Virtual Media Key
Security	Power-on password / administrator password / unattended boot / selectable boot / unattended start mode
Diagnostics	On-board diagnostics via preboot DSA
Publications	**Installation Guide and Documentation CD**
Keyboard / mouse	Optional in EMEA and AG / USB only
Power supply(s)	*Some:* std/max: one/one 670 watt / fixed / Some: std/max: one/two 920 watt / hot swap / All: rear access / auto restart / not upgradeable from fixed to hot swap

Xeon E5603 1.60GHz/4.86GTs/4MB L3 Cache 80W	81Y5942
Xeon E5606 2.13GHz/4.86GTs/8MB L3 Cache 80W	81Y5943
Xeon E5607 2.26GHz/4.86GTs/8MB L3 Cache 80W	81Y5944
Xeon E5645 2.40GHz/5.86GTs/12MB L3 Cache 80W	81Y5945
Xeon E5649 2.53GHz/5.86GTs/12MB L3 Cache 80W	81Y5946
Xeon E5620 2.40GHz/5.86GTs/12MB L3 Cache 80W	81Y5951
1x2GB (1Rx8) DDR3-1333 LP UDIMM	49Y1403
1x2GB (2Rx8) PC3L-10600E LP UDIMM	49Y1404
1x2GB (1Rx8) PC3L-10600R ECC LP RDIMM	49Y1405
1x4GB (1Rx4) PC3L-10600R ECC LP RDIMM	49Y1406
1x4GB (2Rx8) PC3L-10600R ECC LP RDIMM	49Y1407
1x2GB (2Rx8) PC3-10600 CL9 ECC DDR3 SDRAM RDIMM	49Y1392
1x2GB (1Rx4) PC3-10600 CL9 ECC DDR3 SDRAM RDIMM	49Y1393
1x4GB (2Rx4) PC3-10600 CL9 ECC DDR3 SDRAM RDIMM	49Y1394
IBM IMM Remote Presence Hardware Key	46C7527
IBM ServeRAID-M1015 SAS/SATA Controller	46M0831
IBM ServeRAID-M5015 SAS/SATA Controller	46M0829
IBM ServeRAID-MR10M SAS/SATA Controller	44E8825

Other options at **ibm.com**/products/us

Tower (SFF SAS shown)



- Quick release adapter slots (no screws)
- Configuration/Setup Utility invoked by pressing F1 at startup
- ACPI 2.0-compliant
- Operator Information Panel (in front)
- Predictive failure analysis on disk options, memory, processors, VRMs, power supplies, and fans in conjunction with IBM Director can alert the system administrator of an imminent component failure
- Tower: H 17.3" x W 8.6" x D 30.2"
- 59.7 to 83.4 pounds
- Stealth black color

Bay 1 5.25", HH 1.6" access, DVD-ROM
Bay 2 5.25", HH 1.6" access, open
Bay 3 5.25", HH 1.6" access, open
Bay 4 2.5", SFF .5" access, hot-swap
Bay 5 2.5", SFF .5" access, hot-swap
Bay 6 2.5", SFF .5" access, hot-swap
Bay 7 2.5", SFF .5" access, hot-swap
Bay 8 2.5", SFF .5" access, hot-swap
Bay 9 2.5", SFF .5" access, hot-swap
Bay 10 2.5", SFF .5" access, hot-swap
Bay 11 2.5", SFF .5" access, hot-swap

Slot 1: half-length, PCI-Express x8(x8 electrical)
Slot 2: full, PCI-Express x16 (x8 electrical)
Slot 3: full, PCI-Express x8 (x4 electrical)
Slot 4: full, PCI-Express x8 (x4 electrical)
Slot 5: full, PCI-Express x8 (x8 electrical)
Slot 6: half-length, 32-bit 33MHz 5.0v PCI
**optional to add 2 - PCI-X or 1 PCI-E x8 slots via extender card

Max std internal disk capacity:
8.0TB[2] with 16 - 500GB SFF SAS hot-swap HDDs
4.0TB[2] with 8 - 500GB SFF SAS hot-swap HDDs
8.0TB[2] with 4 - 2TB SATA hot-swap HDDs
8.0TB[2] with 4 - 2TB SATA simple-swap HDDs

LIMITED WARRANTY[3]

- **3yr parts and labor 7379 MTM**
- **International Warranty Service[3]**
- **On site, 8 am - 5 pm, M- F coverage excluding holidays, nbd response time[7]**
- **3 year on site warranty service upgrade options for 7379 MTM:**
  9 hr coverage, M-F excluding holidays, 4 hr avg response
  (ServicePac part number 84Y2268)
  24 hr x 7 day coverage, 4 hour average response
  (ServicePac part number 84Y2269)
- **24x7[14] toll-free support for warranty issues during the warranty period[3] (eligible locations only[7])**

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